# 50200589\_LIST PLUS Search Results for S/N 50200589, Searched May 16, 2002

### 50200589\_LIST

5495596 5519679
5541599 5548622 5568143 5625571
5646968 5671257 5671288
5717459 5721689 5729229
5761690 5777735 5789954 5832414
5832413 5842171 5844581
5848237 5900755 5901128 5914780
5936561 5949269 5982347
5987562 5990707 5997171 6029106
6111712 6163259 6166779 6169501
6196335 6241827 6259748
6262943 6272446 6278989 6359946
6370068 5808463 5401946
5515270 4287558 5617372 5784284

## 50200589\_LIST

5982832
6144409
4412165
4962325
5257110
5528527

### 50200589\_QUAL

E1E7115	71
5457415	74
4345311	74
4529930	74
4901333	
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4982193	74
4902193	
5206818	74
5335023	74
5729225	74
6169747	74
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6201583	74
4263593	74
4263393	
4302845	74
1502015	
4313184	74
	74
4359608	/4
4387455	74
4389642	74
4414651	74
4438404	74
4496937	74
4510578	74
4310376	
4532602	74
4553109	74
4575860	74
4628493	74
4755960	74
4/33960	
4807707	74
4001560	
4821562	74
4866647	74
4867466	74
4878229	74
4975863	74
4913003	
5001729	74
5003308	
	74
5013038	74
5020015	74
5229668	74
5233876	74
5255576	- 1
5237879	74
5237879 5288938	74
5288938 5302950 5321754	/ 4
5302950	74
C20175	
5321/54	74
5329393	74
5359511	74
E272E2C	
5373536	74
5396489	74
5457309	74
5495596	74
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5519679 74

Page 1

### 50200589\_QUAL

5541599	74
5548622	74
5568143	74
5625571	74
5646968	74
5671257	74
5671288	74
5717459	74
5721689	74
5729229	74
5761690	74
5777735	74
5789954 5832414	74 74
5832413	74
5842171	74
5844581	74
5844581 5848237 5900755	74 74
5901128	74
5914780	74
5936561	74
5949269 5982347	74 74 74
5987562 5990707 5997171	74 74
6029106	74 74 74
6163259 6166779 6169501 6196335	74 74
6196335	74
6241827	74
6259748	74
6262943	74
6272446	74
6278989	74
6359946	74
6370068	74
5808463	64
5401946	63
5515270	63
4287558	62
5617372	62
5784284	62
5982832	62
6144409	62

### 50200589\_QUAL

4412165	62
4962325	62
5257110	62
5528527	62

```
ability 1
 above 2
 abstract 1
 according 1
accounted 1
 accuracy 4
 accurate 1
 accurately 1
 across 1
 actively 1
 addition 1
 adhere 1
 adult 1
 advertisements 3
 advertisers 5
 advertising 1
 age 2
 all 4
 allows 2
 also 3
 although 1
 always 1
 an 10
 analysis 3
 analyze 1
 and 36
 annual 1
 another 6
 any 1
 anywhere 1
 application 4
 applications 1
 approximately 2
 arbitron 1
 are 18
 arise 1
 art 10
 as 6
 asian 1
 asked 1
 assumption 1
 at 8
 attempted 1
attributed 1
 audiences 2
 available 3
 average 1
 background 1
```

```
barely 1
barraged 1
base 1
based 5
be 29
because 2
becomes 1
been 2
before 1
behavior 4
behaviors 5
being 1
best 1
between 2
big 1
billboards 1
box 8
boxes 1
broad 1
built 1
but 2
buy 1
buyers 1
buying 1
by 8
can 6
cannot 3
capable 1
carefully 1
case 1
cases 1
categories 1
categorized 1
cause 1
certain 1
certainly 1
changes 1
channel 3
channels 3
chosen 1
citizens 1
city 1
claims 2
collect 1
collected 6
collection 6
commercials 1
common 1
```

companies 1 compensation 1 compiled 1 complete 1 compliant 1 complicated 1 conclusion 1 conclusions 2 consider 1 consideration 1 contains 1 content 8 continuation 1 continue 1 continuing 1 contributing 1 controversial 1 correct 1 correctable 1 correlation 1 cost 1 costs 3 could 1 counted 1 currently 1 customers 1 data 35 dataset 1 december 1 decisions 1 deeper 1 defined 1 delivered 1 delivery 3 demographic 3 denominators 1 dependents 1 derived 1 described 2 desired 2 determination 2 determine 2 determined 1 determining 1 developed 1 diaries 1 differences 1 different 2

```
difficult 1
digital 1
disclose 1
discussed 1
displayed 1
distorted 1
documented 1
does 1
drawn 2
due 2
during 2
each 2
effect 2
effects 1
employed 1
en 1
entire 3
entirety 1
equipment 3
errors 2
established 1
etc 1
even 4.
example 8
examples 1
existent 1
existing 1
expected 1
experience 1
experienced 1
extracted 1
extrapolated 2
extrapolation 2
face 1
faces 1
fact 1
factor 1
factors 1
fashion 1
faulty 1
field 1
fields 1
filed 3
five 1
flaw 1
for 16
frequently 1
from 8
```

```
further 1
gamer 1
general 1
generated 3
generation 1
geographic 1
given 3
gleaned 1
gravitate 1
group 7
groups 2
quidelines 1
habits 2
had 1
has 2
have 3
having 1
he 1
herein 1
high 1
higher 3
highly 1
hour 1
hours 1
household 1
how 1
however 3
if 8
ii 1
impact 1
imply 1
impossible 1
in 29
inaccuracy 1
inaccurate 3
include 2
including 2
income 1
incorporated 1
increase 1
increased 2
increases 1
increasing 1
individual 6
individually 1
individuals 2
inference 1
inferences 3
```

```
inferred 1
information 5
inherent 3
inherently 1
installation 1
insure 1
intended 1
intentionally 1
interactions 1
interval 2
into 2
invasive 3
invention 7
is 24
issues 1
it 3
january 2
jik 1
journal 1
kansas 1
large 2
larger 3
last 1
lateral 1
least 3
leaving 1
likelihood 1
likely 3
limitation 1
limitations 2
limited 1
logs 1
lost 1
low 3
magazines 1
major 2
makes 1
making 1
many 4
market 6
mass 1
may 16
mean 1
means 1
media 3
medium 1
memory 1
```

method 1

```
methodologies 1
methods 8
miami 1
might 1
million 1
mined 1
mining 5
misleading 1
missed 1
missing 1
mitigate 1
model 2
models 1
monitor 1
monitoring 2
more 9
most 6
much 1
multiple 1
nature 1
nielson 2
no 1
non 1
not 9
notable 1
number 4
objective 1
obviously 1
occurring 1
of 54
often 2
olds 2
on 12
one 10
only 7
optional 1
or 14
organizations 4
ornothing 1
other 6
out 1
over 5
overcome 1
overlapping 1
part 1
partially 1
participant 1
participation 1
```

particular 2 patent 3 people 4 per 1 perhaps 1 period 1 periodic 1 periods 1 person 2 persons 4 pertain 1 phenomenon 1 polls 1 popular 2 popularity 1 population 7 populations 3 possibility 1 possibly 1 pre 1 prediction 1 predictions 1 preferred 1 present 5 preserving 1 previous 1 previously 1 prior 10 priority 2 privacy 3 probability 1 problem 5 problems 6 product 2 products 1 programming 2 programs 1 prohibitive 1 prone 1 prospective 2 provided 1 provides 1 provisional 1 publish 1 purchase 2 purported 1 question 1 questionable 1

```
random 1
rated 1
rates 1
rather 1
ratings 4
reaching 1
readily 1
reason 1
recorded 1
reduce 1
reference 2
reflect 1
related 1
relates 1
relationships 1
relatively 1
reliability 2
renders 1
repair 1
representative 1
require 1
research 7
resolution 2
respect 1
response 2
result 2
resulting 1
results 2
rules 1
run 1
safe 1
same 1
sample 11
sampled 8
samples 3
sampling 9
scuba 1
searched 1
second 1
seconds 1
secure 1
select 2
selected 1
senior 1
serial 3
set 10
several 2
show 4
```

```
shows 2
si 1
since 1
single 1
size 3
slots 1
small 5
smaller 1
sold 1
solve 1
some 4
someone 1
specialized 1
specific 3
specificity 2
statistical 1
statistically 1
statistics 2
still 2
sub 1
substance 2
such 11
suffer 1
summary 1
support 1
supporting 1
surfing 1
surveys 1
suspect 4
sweeps 1
system 5
taken 1
targeted 1
teachings 1
techniques 3
telephone 1
television 6
tend 1
tends 2
than 4
that 17
the 93
their 6
them 1
then 3
there 3
therefrom 2
these 4
```

### 50200589\_WDS

```
they 7
thirty 1
this 8
those 3
three 1
through 2
thus 3
time 3
to 48
today 1
top 9
toward 1
traditionally 1
translate 2
transmission 1
trends 1
true 1
trusted 2
type 1
types 2
typically 3
unfortunately 2
unreliable 1
upon 1
use 3
used 2
user 5
users 2
validation 1
validity 2
verbal 1
very 1
viewed 1
viewer 1
viewers 2
viewing 6
was 9
watch 1
watched 6
watching 1
week 1
were 2
what 1
when 2
whether 1
which 6
while 4
who 2
```

### 50200589\_WDS

whose 1
why 1
will 2
willing 3
window 1
with 8
within 2
without 1
would 3
written 2
year 2
years 2

#### 50200589 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 50200589 on May 16, 2002

#### Original Classifications 2 341/122 2 356/451 2 375/354 2 375/355 2 375/371 2 702/189 2 702/77 2 708/203 Cross-Reference Classifications 5 341/123 4 341/155 3 327/141 3 375/376 3 702/76 3 708/313 2 235/375 2 324/121R 2 324/76.24 2 324/76.28 2 324/76.47 2 324/76.55 2 327/158 2 327/159 2 327/231 2 327/91 2 341/122 2 341/143 2 359/158 2 375/222 2 702/112 2 702/66 2 702/75 2 725/24 Combined Classifications 6 341/123 4 341/122 4 341/155 4 708/313 3 327/141 3 327/158 3 341/143

#### 50200589 CLS

- 375/354 3
- 3 375/355
- 3 375/376
- 3 702/66
- 3 702/75
- 3 702/76
- 3 708/203
- 2 235/375
- 2 324/121R
- 2 324/76.15
- 2 324/76.24
- 2 324/76.28
- 2 324/76.47
- 2 324/76.55
- 2 327/159
- 327/231
- 2 327/263
- 2 327/91
- 331/25
- 2 341/61
- 2 356/451
- 2 359/135
- 2 359/158
- 2 375/222
- 2 375/329
- 375/345
- 2 375/371
- 2 702/112
- 2 702/189
- 2 702/77
- 2 708/316
- 725/24

50200589\_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returne

From A Search of 50200589 on May 16, 2002

6	341/122	341	: CODED DATA GENERATION OR CONVERSION
4	341/122 Class 341/122	341	: CODED DATA GENERATION OR CONVERSION
4	341/126	341	OR, 4 XR) : CODED DATA GENERATION OR CONVERSION ANALOG TO OR FROM DIGITAL CONVERSION .Analog to digital conversion
4	708/313 Class		: ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
	708/100 708/200 708/300 708/313		Filtering
3	327/141 Class		: MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
	327/100 327/141		DEVICES, CIRCUITS, AND SYSTEMS SIGNAL CONVERTING, SHAPING, OR GENERATING Synchronizing
3		(1 327	OR, 2 XR) : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
	327/100 327/141 327/155 327/156 327/158		
3	341/143 Class 341/126 341/143	341	OR, 2 XR) : CODED DATA GENERATION OR CONVERSION ANALOG TO OR FROM DIGITAL CONVERSION .Differential encoder and/or decoder (e.g., delta modulation, differential pulse code m
odul	ation)		,

### 50200589\_CLSTITLES

				<del>-</del>
3	3 375		375	OR, 1 XR) : PULSE OR DIGITAL COMMUNICATIONS SYNCHRONIZERS
3	375	Class	375	OR, 1 XR) : PULSE OR DIGITAL COMMUNICATIONS SYNCHRONIZERS .Synchronizing the sampling time of digital data
3	375	/376 Class 375/354 375/371	375	
		375/373 375/376		Phase lockingPhase locked loop
3	3 702			OR, 2 XR) : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
m		702/1 702/57		MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
		702/66		Waveform analysis
3	3 702			OR, 2 XR) : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
m		702/1 702/57		
		702/66 702/75		Waveform analysisFrequency
3	3 702	/76 Class		OR, 3 XR) : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
m		702/1 702/57		MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT .Electrical signal parameter measurement syste
		702/66 702/75 702/76		<pre>Waveform analysisFrequencyFrequency spectrum</pre>

Page 2

#### 50200589 CLSTITLES

```
708/203
                  (2 OR, 1 XR)
                  708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
          Class
                          AND CALCULATING
                        ELECTRICAL DIGITAL CALCULATING COMPUTER
          708/100
                        .Particular function performed
          708/200
          708/203
                        ..Compression/decompression
    235/375
                   (0 OR, 2 XR)
                  235 : REGISTERS
          Class
          235/375
                        SYSTEMS CONTROLLED BY DATA BEARING RECORDS
                   (0 OR, 2 XR)
  2 324/121R
                  324 : ELECTRICITY: MEASURING AND TESTING
          Class
                        MEASURING, TESTING, OR SENSING ELECTRICITY, PE
          324/76.11
R
          324/121R
                        .Cathode ray (e.g., magic eye)
                  (1 OR, 1 XR)
    324/76.15
                  324 : ELECTRICITY: MEASURING AND TESTING
                        MEASURING, TESTING, OR SENSING ELECTRICITY, PE
          324/76.11
R
                              SE
          324/76.12
                        .Analysis of complex waves
          324/76.13
                        .. Amplitude distribution
                        ...With sampler
          324/76.15
                   (0 OR, 2 XR)
    324/76.24
                  324 : ELECTRICITY: MEASURING AND TESTING
                        MEASURING, TESTING, OR SENSING ELECTRICITY, PE
          324/76.11
R
                              SE
                        .Analysis of complex waves
          324/76.12
          324/76.19
                        .. Frequency spectrum analyzer
                        ...With sampler
          324/76.24
                  (0 OR, 2 XR)
    324/76.28
                  324 : ELECTRICITY:
                                       MEASURING AND TESTING
                        MEASURING, TESTING, OR SENSING ELECTRICITY, PE
          324/76.11
R
                               SE
                        .Analysis of complex waves
          324/76.12
          324/76.19
                        .. Frequency spectrum analyzer
                        ... Nonscanning
          324/77.11
          324/76.28
                        ....Digital filter
                  (0 OR, 2 XR)
  2 324/76.47
```

. Page 3

#### 50200589 CLSTITLES 324 : ELECTRICITY: MEASURING AND TESTING Class MEASURING, TESTING, OR SENSING ELECTRICITY, PE 324/76.11 R SE .Frequency of cyclic current or voltage (e.g., 324/76.39 cyclic counting etc.) .. Frequency comparison, (e.g., heterodyne, 324/76.41 etc.) 324/76.47 ... Digital output 324/76.55 (0 OR, 2 XR) 324 : ELECTRICITY: MEASURING AND TESTING MEASURING, TESTING, OR SENSING ELECTRICITY, PE 324/76.11 R SE .Frequency of cyclic current or voltage (e.g., 324/76.39 cyclic counting etc.) 324/76.52 .. By phase comparison ...Digital output 324/76.55 2 327/159 (0 OR, 2 XR) MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR 327 : Class DEVICES, CIRCUITS, AND SYSTEMS SIGNAL CONVERTING, SHAPING, OR GENERATING 327/100 327/141 .Synchronizing 327/155 ..With feedback ... Phase lock loop 327/156 ....With digital element 327/159 327/231 (0 OR, 2 XR) 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR Class DEVICES, CIRCUITS, AND SYSTEMS SIGNAL CONVERTING, SHAPING, OR GENERATING 327/100 .Phase shift by less than period of input 327/231 (1 OR, 1 XR) 2 327/263 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR Class DEVICES, CIRCUITS, AND SYSTEMS SIGNAL CONVERTING, SHAPING, OR GENERATING 327/100 .Having specific delay in producing output 327/261 waveform ..Delay interval set by rising or falling edge 327/263

2 327/91 (0 OR, 2 XR)

Class 327: MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS

327/1 SPECIFIC SIGNAL DISCRIMINATING (E.G.,

Page 4

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### 50200589 CLSTITLES

			50200589_CLSTITLES COMPARING, SELECTING, ETC.) WITHOUT SUBSE
QUEN	T CONTROL 327/50 327/91		
		331	OR, 1 XR) : OSCILLATORS AUTOMATIC FREQUENCY STABILIZATION USING A PHAS
E	331/18 331/25		OR FREQUENCY SENSING MEANS .With reference oscillator or sourceSignal or phase comparator
2	341/50	341	OR, 1 XR) : CODED DATA GENERATION OR CONVERSION DIGITAL CODE TO DIGITAL CODE CONVERTERS .Data rate conversion
2	356/450	356	OR, 0 XR) : OPTICS: MEASURING AND TESTING BY LIGHT INTERFERENCE (E.G., INTERFEROMETER) .Spectroscopy
2	359/109 359/115	359	OR, 1 XR) : OPTICS: SYSTEMS OPTICAL COMMUNICATION .MultiplexTime division
2	359/109	359	OR, 2 XR) : OPTICS: SYSTEMS OPTICAL COMMUNICATION .Transmitter and receiver systemWith synchronization
2	375/222 Class 375/219 375/222	375	: PULSE OR DIGITAL COMMUNICATIONS
2	375/329 Class 375/316 375/322 375/329	375	OR, 1 XR) : PULSE OR DIGITAL COMMUNICATIONS RECEIVERS .Angle modulationPhase shift keying

Page 5

2 375/345 (1 OR, 1 XR) Class 375: PULSE OR DIGITAL COMMUNICATIONS

	375/316 375/345		50200589_CLSTITLES RECEIVERS .Automatic gain control
2	375/371 Class 375/354 375/371	375	: PULSE OR DIGITAL COMMUNICATIONS SYNCHRONIZERS
2	702/112 Class 702/108 702/109 702/112	702	: DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
2	Class	702	: DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING MEASUREMENT SYSTEM
2 m		702	: DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/66 702/75 702/76 702/77		<pre>Waveform analysisFrequencyFrequency spectrumUsing Fourier method</pre>
2	708/316 Class 708/100 708/200 708/300 708/316	708	OR, 1 XR) : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING    AND CALCULATING    ELECTRICAL DIGITAL CALCULATING COMPUTER    .Particular function performed   Filtering   Having multiplexing
2	725/24 Class 725/24		OR, 2 XR) : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS INTERACTIVE OPINION POLLING